

Converting Colors

XYZ(56.4590, 59.0157, 54.6318)

Have a look what the booklet for
XYZ(56.4590, 59.0157, 54.6318)
contains.

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Color

**XYZ(56.6135, 59.1673,
54.8910)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C9BA
RGB	211, 201, 186
RGB Percent	83%, 79%, 73%
CMY	0.1725, 0.2117, 0.2706
CMYK	0.00, 0.05, 0.12, 0.17
HSL	36°, 22%, 78%
HSV	36°, 12%, 83%
XYZ	56.6135, 59.1673, 54.8910
YIQ	202.2800, 10.7750, -2.5450

Conversions

Conversions Part 2

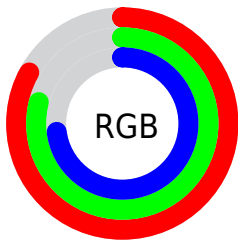
Format	Color
R _Y B	203, 211, 186
Decimal	13879738
CIE Lab	81.38, 0.94, 8.73
CIE LCh	81, 8.777, 83.883
Yxy	59.1673, 0.3317, 0.3467
Android (android.graphics.Color)	4292069818 (0xFFD3C9BA)
YUV	202.2800, -8.0260, 7.6474
Hunter-Lab	76.9203, -3.2341, 11.5343

Details

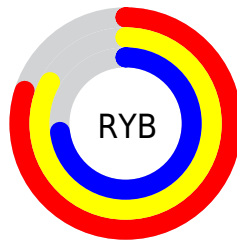
The XYZ color **56.6135, 59.1673, 54.8910** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.7474, 54.6211, 69.4441**, and the grayscale version is **56.3590, 59.2941, 64.5712**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **28.3777, 29.6288, 26.4136** is the 20% darker color. If you saturate the color by 10%, you get **52.6215, 54.5114, 43.2986**, and if you desaturate by 10%, it is **61.0481, 64.1770, 68.2665**.

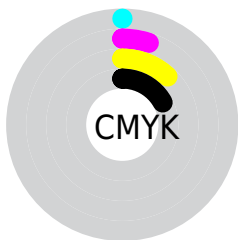
Distribution



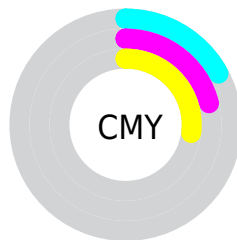
- Red (83%)
- Green (79%)
- Blue (73%)



- Red (80%)
- Yellow (83%)
- Blue (73%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (17%)



- Cyan (17%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6135, 59.1673, 54.8910 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 56.6135, 59.1673, 54.8910 by changing the saturation by 10% instead.

■ 56.6135, 59.1673,
54.8910

■ 56.6135, 59.1673,
54.8910

402.0371,
421.5216, 422.7689

■ 40.9339, 42.7478,
38.9164

■ 99.0356, 103.6208,
98.8508

■ 28.4549, 29.6873,
26.3874

126.5089,
132.4236, 127.6731

■ 18.8111, 19.6014,
16.8853

158.6442,
166.1229, 161.6151

■ 11.6370, 12.1056,
9.9917

195.8067,
205.1032, 201.0953

■ 6.5675, 6.8156,
5.2879

238.3619,
249.7488, 246.5322

■ 3.2370, 3.3471,
2.3555

286.6751,

■ 1.2803, 1.3155,

300.4441, 298.3444

0.7621

341.1118,
357.5736, 356.9505

■ 0.1684, 0.1532,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6135, 59.1673,
54.8910

■ 56.6135, 59.1673,
54.8910

■ 52.6215, 54.5114,
43.2986

■ 61.0481, 64.1770,
68.2665

■ 49.0510, 50.1923,
33.4089

■ 65.9357, 69.5414,
83.4934

■ 45.8863, 46.2029,
25.1406

■ 71.2923, 75.2716,
100.6409

■ 43.1089, 42.5327,
18.4045

■ 74.5515, 80.3435,
106.1863

■ 40.6983, 39.1707,
13.1025

■ 77.0211, 85.2829,
107.0095

■ 38.6320, 36.1048,
9.1252

■ 79.6069, 90.4544,
107.8715

■ 36.8843, 33.3216,
6.3470

■ 80.6742, 92.5890,
108.2272

■ 35.4248, 30.8057,
4.6176

■ 34.4064, 28.9335,
3.7713

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.3418, 59.1673, 56.6018



56.6135, 59.1673, 54.8910



54.8206, 59.1673, 55.6199

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.6135, 59.1673, 54.8910



53.0725, 59.1673, 68.6005



59.1348, 59.1673, 70.5635

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56.6135, 59.1673, 54.8910



51.7474, 54.6211, 69.4441

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.6771, 59.1673, 74.1094



56.6135, 59.1673, 54.8910



54.1830, 59.1673, 72.9337

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.6135, 59.1673, 54.8910



52.8017, 59.1673, 63.3525



55.8617, 59.1673, 74.9995



59.8177, 59.1673, 65.5057

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.6135, 59.1673, 54.8910



53.8268, 59.1673, 57.4124



55.8617, 59.1673, 74.9995



58.7176, 59.1673, 71.9826

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56.6151, 59.1699, 54.8923



92.1636, 96.7858, 100.0502



54.3874, 52.9531, 59.5797



19.6133, 20.5889, 21.0697



0.0000, 0.0000, 0.0000



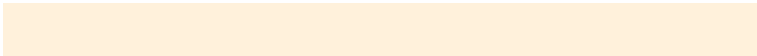
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.6151, 59.1699, 54.8923



85.4399, 89.1386, 79.9274



58.3110, 63.6168, 55.6612



12.3903, 12.9714, 12.4627



20.8668, 17.6665, 2.3102



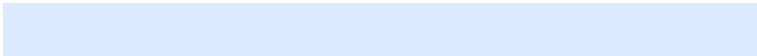
1.2432, 1.1408, 0.1547

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



51.7474, 54.6211, 69.4441



76.6555, 80.9301, 106.1886



50.1800, 50.5768, 68.7460



11.5461, 12.1824, 14.9865



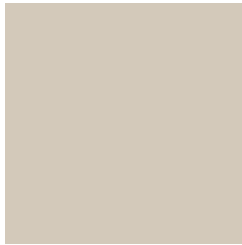
9.1205, 6.8876, 38.0412



0.5867, 0.5386, 2.1526

Previews

White Background



This preview shows how the XYZ color 56.6135, 59.1673, 54.8910 looks on a white background.

Color Contrast Check

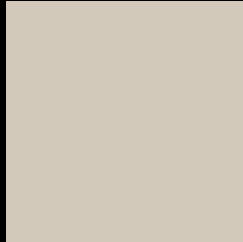
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 56.6135, 59.1673, 54.8910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

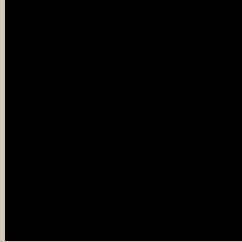
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

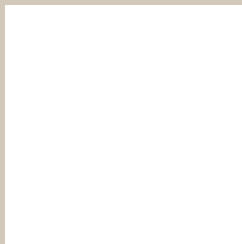
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.6135, 59.1673, 54.8910

Background



This preview shows how black text looks on a background with the XYZ color 56.6135, 59.1673, 54.8910.

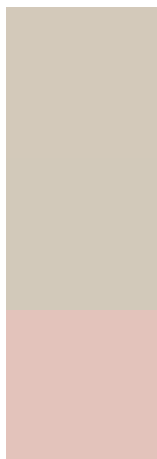


This preview shows how white text looks on a background with the XYZ color 56.6135, 59.1673,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

56.6135, 59.1673, 54.8910

Protanopia

56.3279, 59.0201, 54.8776

Deuteranopia

60.1633, 58.9490, 55.2210



Tritanopia

60.0008, 59.1837, 71.2120

Trichromacy



Original Color

56.6135, 59.1673, 54.8910

Protanomaly

56.3279, 59.0201, 54.8776

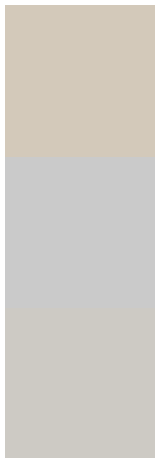
Deuteranomaly

58.7547, 58.8925, 55.2844

Tritanomaly

58.7051, 58.9961, 64.7932

Monochromacy



Original Color

56.6135, 59.1673, 54.8910

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.2612, 59.2057, 60.6871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6135, 59.1673, 54.8910 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(211, 201, 186)` looks like.

```
.text, #text, p{  
    color:rgb(211, 201, 186)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(211, 201, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 201, 186) }
```

Border

The CSS property to change the border of an element to XYZ 56.6135, 59.1673, 54.8910 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(211, 201, 186) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(211, 201, 186) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(211, 201, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 201, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 201, 186);  
box-shadow:4px 4px 4px 4px rgb(211, 201,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6135, 59.1673, 54.8910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 201, 186) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(211,  
201, 186) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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